

Abstract

Inventory control devices and methods for controlling the inventory of a data storage system are disclosed. In one embodiment, the inventory control device comprises a latch positioned in relation to an access device of a data storage system so that opening the access device causes the latch to move from a first position to a second position, a sensor to sense a latch state indicating the position of the latch, and control logic communicatively coupled to the sensor to cause the data storage system to inventory one or more storage locations associated with the access device if the sensor indicates the latch is in the second position and to cause the data storage system to not inventory the one or more storage locations if the sensor indicates the latch is in the first position.